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INFORMATION			Atty. Docket No.:			Serial	Serial No.:			
FDESCLOSURE			544	93USA3C.0	09/821,392					
		MENT	Apr	olicant(s): N	Nathaniel P. Langford					
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			ILS	U.S. PATENT DOCUMENTS			_			
Log miner Initial TR	DEWARE	Document Number		Date	Name	Class	SubClass		Date If	
rell		5,246,775		09/21/93	Loscuito		CCF			
1		5,256,444		10/26/93 —	-Roe	1	1		- <i>U</i>	
	- ',	5,277,712		01/11/94	McInnis	1-1-0	WN 1-19-	2001		
		5,336,318		08/09/94	Attard, et al.	17	1 1			
		5,362,320		11/08/94	Whatcott		57	00		
		5,382,287		01/17/95	Podlas					
		5,399,282		03/21/95	Hansen, et al.					
		5,412,007		05/02/95	Hendrix, et al.	1	7			
		5,439,608		08/08/95	Kondrats			-		
	-	5,459,969		10/24/95	Stibolt, et al.		//			
		5,494,947		02/27/96	Kaplan		X			
		5,505,032		04/09/96	Wasserman, et al.		/\			
		5,527,212		06/18/96	Bowen, et al.					
		5,527,482		06/18/96	Pullen, et al.					
		5,531,050		07/02/96	Stibolt, et al.					
		5,595,782		01/21/97	Cole					
		5,604,001		02/18/97	Schold					
		5,637,349		06/10/97	Cummins, et al.					
		5,639,397		06/17/97	Roe					
		5,653,797		08/05/97	Patel	 - - - - - - - - -				
		5,658,379		08/19/97	Battilana	1/				
		5,779,786		07/14/98	Patel	1/				
cell!		5,788,879		08/04/98	Ogura, et al.		\ \			
•		FC	DRE	IGN PATEN	T DOCUMENTS		Y			
		Document Number	r	Date	Country	Class	SubClass	Trans Yes	Slation No	
lect		1,117,989		02-09-82	Canada					
		EP 0 008 030 A	.1	02-20-80	Europe			X		
		EP 0 352 585 A	2	01-31-90	Europe				X	
		JP 06158047		06-07-94	Japan	\perp		X		
		JP 07206504		08-08-95	Japan			X		
int		53-18608		08-04-76	Japan				X	
ielt		(plus abstract)				/	1			
			T		1	1	l '	1 !	i	

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

EXAMINER

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION
PE DISCLOSURE
STATEMENT

 Atty. Docket No.:
 Serial No.:

 54493USA3C.008
 09/821,392

Applicant(s): Nathaniel P. Langford

Filing Date: March 29, 2001 Group: Unknown

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i all	<u>*</u>			DOCUMENTS	Class	SubClass	Filing Date If
- Initial		Document Number	Date	Name	Class	SubClass 1	Appropriate
	lell	3,984,269	10/05/76	Schneller, et al.	Ц.		
		4,038,443	07/26/77	Jacoby	 -}- -	REC	EVE
		4,136,050	01/23/79	Brehm		JUN	(
		4,171,276	10/16/79	Brehm	Ц_	0014 1	9 2001
		4,269,721	05/26/81	Mueller, et al.		176	1
		4,294,622	10/13/81	Brown		14	1/00
		4,316,811	02/23/82	Burns, et al.			
		4,369,121	01/18/83	Callahan, et al.			
		4,370,167	01/25/83	Mudd			
		4,380,459	04/19/83	Netting			
		4,391,647	07/05/83	Deer, et al.			
		4,400,220	08/23/83	Cole, Jr.			
_		4,417,992	11/29/83	Bhattacharyya, et al.			
		4,425,252	01/10/84	Cargle, et al.			
		4,428,984	01/31/84	Shimizu, et al.			
		4,451,605	05/29/84	Theodore			
		4,454,267	06/12/84	Williams			
		4,469,612	09/04/84	Fenton			
		4,487,615	12/11/84	Taylor, et al.			
		4,571,116	02/18/86	Patil, et al.			
		4,551,261	11/05/85	Salihar			
		4,551,401	11/05/85	Wilson			
		4,561,905	12/31/85	Kittle			
		4,650,598	03/17/87	Roberts, et al.		11	
		4,686,253	08/11/87	Struss, et al.		VI	
		4,737,305	04/12/88	Dohner			
		4,780,143	10/25/88	Roe			
		4,780,233	10/25/88	Roe		V	-
		4,782,632	11/08/88	Matechuk		V	
		4,801,635	01/31/89	Zinkan, et al.		1	
		4,836,945	06/06/89	Kestner		7	
		4,897,218	01/30/90	Roe	1	<i>1</i> 11	
		4,955,748	09/11/90	Krumholz		Π	
		4,960,532	10/02/90	Kremer			
		4,971,720	11/20/90	Roe			
		4,972,013	11/20/90	Koltisko, Jr., et al.		11	,
		4,981,398	01/01/91	Field, et al.	1 1	 	
		5,007,206	04/16/91	Paterson	1 1	11	
		5,102,462	04/07/92	Podlas	1		
	1 1	5,131,198	07/21/92	Ritchie, et al.	 	 	
	 	5,143,645	09/01/92	Roe	1	+	
	 	5,192,337	03/09/93	Wajer, et al.	 	+	
<u> </u>	alu	5,194,174	03/16/93	Roe, et al.	//	+ -4	
L	w	L 2, 1 2 7, 1 / 7	1 03/10/33	100, or ar.	<u> </u>		l <u> </u>